FIG.
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DRAFTSMAN
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1    MSVDEICENTKMGREYALLGNYETSLVYYQGVLQQIQKLL
41   TSVHEPQRKHQWQTIRQELSQEYEHVKNITKTLNGFKSEP
81   AAPEPAPNHRAAPFSHHQHAAKPAAAEPARDPDVWPPPTP
121  VDHRPSPPYQRAARKDPPRRSEPSKPANRAPGNDRGGRGP
161  SDRRGDARSGGGGRGGARGSDKDKNRGGKSDKDKKAPSGE
201  EGDEKKFDPAGYDKDLVENLERDIVQRNPNVHWADIAGLT
241  EAKRLLEEAVVLPLWMPDYFKGIRRPWKGVLMVGPPGTGK
281  TMLAKAVATECGTTFFNVSSASLTSKYHGESEKLVRLLFE
321  MARFYAPSTIFIDEIDSICSKRGTGSEHEASRRVKSELLI
361  QMDGVSGPSAGEESSKMVMVLAATNFPWDIDEALRRRLEK
401  RIYIPLPEIDGREQLLRINLKEVPLADDIDLKSIAEKMDG
441  YSGADITNVCRDASMMAMRRRIQGLRPEEIRHIPKEELNQ
481  PSTPADFLLALQKVSKSVGKEDLVKYMAWMEEFGSV
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FIG. 1A

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p60    231 VHWADIAGLTEAKRLLEEAVVLPLWMPDYFKGIRRPW.KGVLMVGPPGTG
mei-1  190 MSLDDIIGMHDVKQVLHEAVTLPLLVPEFFQGLRSPW.KAMVLAGPPGTG
Sug1p  145 STYDMVGGLTKQIKEIKEVIELPVKHPELFESLGIAQPKGVILYGPPGTG
ftsH   149 TTFADVAGCDEAKEEVAELVEY.LREPSRFQKLGGKIPKGVLMVGPPGTG
Pas1p  694 IKWGDIGALANAKDVLLETLEWPTKYEPIFVNCPLRLRSGILLYGYPGCG
NSF    224 EKMGIGGLDDEFSDIFRRAFASRVFPPEIVEQMGCKHVKGILLYGPPGCG

p60    280 KTMLAKAVATECGTTFFN.VSSASLTSKYHGESEKLVRLLFEMARFYAP.
mei-1  239 KTLIARAIASESSSTFFT.VSSTDLSSKWRGDSEKIVRLLFELARFYAP.
Sug1p  195 KTLLARAVAHHTDCKFIR.VSGAELVQKYIGEGSRMVRELFVMAREHAP.
ftsH   198 KTLLAKAIAGEAKVPFFT.ISGSDFVEMFVGVGASRVRDMFEQAKKAAP.
Pas1p  744 KTLLASAVAQQCGLNFIS.VKGPEILNKFIGASEQNIRELFERAQSVKP.
NSF    274 KTLLARQIGKMLNAREPKVVNGPEILNKYMGESEANIRKLFADAEEEQRR

p60    328 ........STIFIDEIDSICSKR..GTGSEHEASRRVKSELLIQMDGVSGP
mei-1  287 ........SIIFIDEIDTLGGQR..GNSGEHEASRRVKSEFLVQMDG....
Sug1p  243 ........SIIFMDEIDSIGSTRVEGSGGGDSEVQRTMLELLNQLDGFET.
ftsH   246 ........CIIFIDEIDAVGRQRGAGLGGGHDEREQTLNQMLVEMDGFEG.
Pas1p  792 ........CILFFDEFDSIAPKRGH...DSTGVTDRVVNQLLTQMDGAEGL
NSF    324 LGANSGLHIIIFDEIDAICKQRGS.MAGSTGVHDTVVNQLLSKIDGVEQL

p60    369 SAGEESSKMVMVLAATNFPWDIDEALRR..RLEKRIYIPLPEIDGREQLL
mei-1  324 SQNKFDSRRVFVLAATNIPWELDEALRR..RFEKRIFIPLPDIDARKKLI
Sug1p  285 .......SKNIKIIMATNRLDILDPALLRPGRIDRKIEFPPPSVAARAEIL
ftsH   288 .......NEGIIVIAATNRPDVLDPALLRPGRFDRQVVVGLPDVRGREQIL
Pas1p  832 D........GVYILAATSRPDLIDSALLRPGRLDKSVICNIPTESERLDIL
NSF    373 N........NILVIGMTNRPDLIDEALLRPGRLEVKMEIGLPDEKGRLQIL

p60    417 RINL.........KEVPLADDIDLKSIAEKMDGYSGADIT
mei-1  372 EKSM.........EGTPKSDEINYDDLAARTEGFSGADVV
Sug1p  329 RIHS.........RKMNLTRGINLRKVAEKMNGCSGADVK
ftsH   332 KVHM.........RRVPLAPDIDAAIIARGTPGFSGADLA
Pas1p  875 QAIVNSKDKDTGQKKFALEKNADLKLIAEKTAGFSGADLQ
NSF    416 HI...HTARMRGHQ..LLSADVDIKELAVETKNFSGAELE
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FIG. 1B

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1    MATKRAWKLQELVAHSSNVNCLALGPMSGRVMVTGGEDKK
41   VNLWAVGKQNCIISLSGHTSPVDSVKFNSSEELVVAGSQS
81   GTMKIYDLEPAKIVRTLTGHRNSIRCMDFHPFGEFVASGS
121  TDTNVKLWDVRRKGCIYTYKGHSDQVNMIKFSPDGKWLVT
161  ASEDTTIKLWDLTMGKLFQEFKNHTGGVTGIEFHPNEFLL
201  ASGSSDRTVQFWDLETFQLVSSTSPGASAVRSISFHPDGS
241  YLFCSSQDMLHAFGWEPIRCFDTFSVGWGKVADTVIASTQ
281  LIGASFNATNVSVYVADLSRMSTTGIAQEPQSQPSKTPSG
321  GAEEVPSKPLTASGRKNFVRERPHTTSSKQRQPDVKSEPE
361  RQSPTQDEGVKDDDATDIKDPDSYAKIFSPKTRVDHSPER
401  NAQPFPAPLDVPGAQEPEPFKHPPKPAAAAAVAPVSRAPA
441  PSASDWQPAQANPAPNRVPAATKPVPAQEVAPSRKPDPIS
481  TIIPSDRNKPANLDMDAFLPPAHAQQAPRVNAPASRKQSD
521  SERIEGLRKGHDSMCQVLSSRHRNLDVVRAIWTAGDAKTS
561  VESVVNMKDQAILVDILNIMLLKKSLWNLDMCVVVLPRLK
601  ELLSSKYENYVHTSCACLKLILKNFTSLFNQNIKCPPSGI
641  DITREERYNKCSKCYSYLIATRGYVEEKQHVSGKLGSSFR
681  ELHLLLDQLE
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FIG. 2A

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Sp p80      4  KRAWKLQELVAHSSNVNCLALGPMSGRVMVTGGEDKKVNLWA
Hs p80      8  KTAWKLQEIVAHASNVSSLVLGKASGRLLATGGDDCRVNLWS
Hs TFIID  531  KTASELKILYGHSGPVYGASFSP.DRNYLLSSSEDGTVRLWS
Tc PkwA   489  ASGDELHTLEGHTDWVRAVAFSP.DGALLASGSDDATVRLWD

Sp p80     46  VGKQNCIISLSGHTSPVDSVKFNSSEELVVAGSQSGTMKIYD
Hs p80     50  INKPNCIMSLTGHTSPVESVRLNTPEELIVAGSQSGSIRVWD
Hs TFIID  572  LQTFTCLVGYKGHNYPVWDTQFSPYGYYFVSGGHDRVARLWA
Tc PkwA   530  VAAAEERAVFEGHTHYVLDIAFSPDGSMVASGSRDGTARLWN

Sp p80     88  LEPAKIVRTLTGHRNSIRCMDFHPFGEFVASGSTDTNVKLWD
Hs p80     92  LEAAKILRTLMGLKANICSLDFHPYGEFVASGSQDTNIKLWD
Hs TFIID  614  TDHYQPLRIFAGHLADVNCTRFHPNSNYVATGSADRTVRLWD
Tc PkwA   572  VATGTEHAVLKGHTDYVYAVAFSPDGSMVASGSRDGTIRLWD

Sp p80    130  VRRKGCIYTYKGHSDQVNMIKFSPDGKWLVTASEDTTIKLWD
Hs p80    134  IRRKGCVFRYRGHSQAVRCLRFSPDGKWLASAADDHTVKLWD
Hs TFIID  656  VLNGNCVRIFTGHKGPIHSLTFSPNGRFLATGATDGRVLLWD
Tc PkwA   614  VATGKERDVLQAPAENVVSLAFSPDGSMLVHG.SDSTVHLWD

Sp p80    172  LTMGKLFQEFKNHTGGVTGIEFHPNEFLLASGSSDRTVQFWD
Hs p80    176  LTAGKMMSEFPGHTGPVNVVEFHPNEYLLASGSSDGTIRFWD
Hs TFIID  698  IGHGLMVGELKGHTDTVCSLRFSRDGEILASGSMDNTVRLWD
Tc PkwA   655  VASGEALHTFEGHTDWVRAVAFSPDGALLASGSDDRTIRLWD

Sp p80    214  LETFQLVSSTSPGASAVRSISFHPDGSYLFCSSQDMLHAFGWE
Hs p80    218  LEKFQVVSRIEGEPGPVRSVLFNPDGCCLYSGCQDSLRVYGWE
Hs TFIID  740  AIKAFEDLETDDFTTATGHINLPENSQELLLGTY..MTKSTPV
Tc PkwA   697  VAAQEEHTTLEGHTEPVHSVAFHPEGTTLASASEDGTIRIWPI
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FIG. 2B

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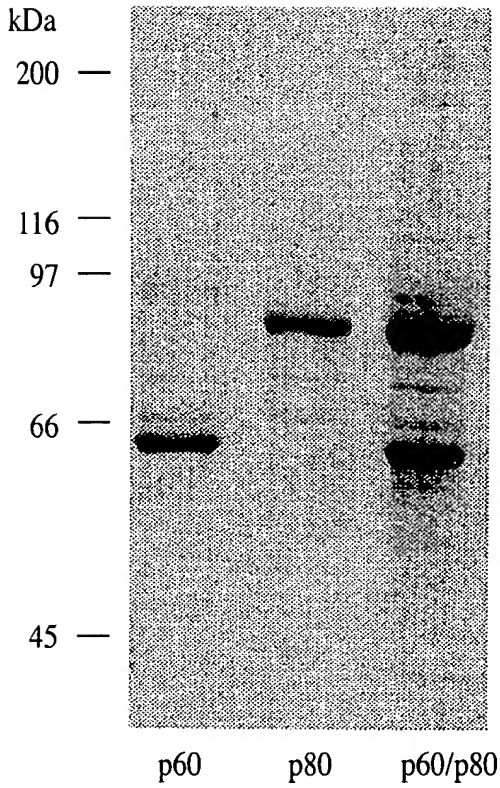

FIG. 3A

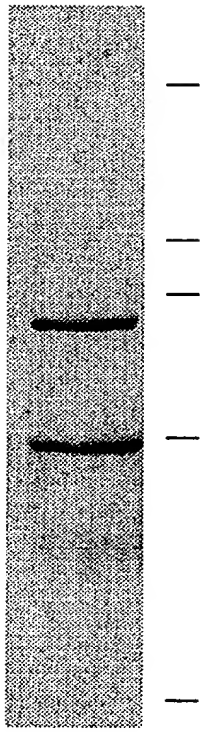

FIG. 3B

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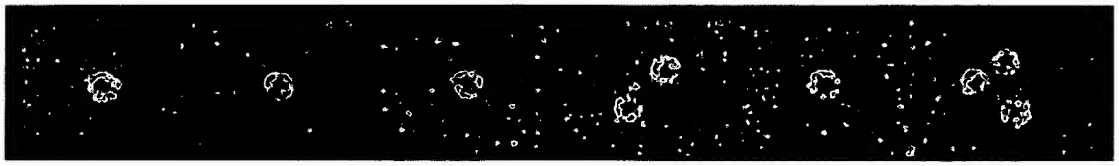

FIG. 4A

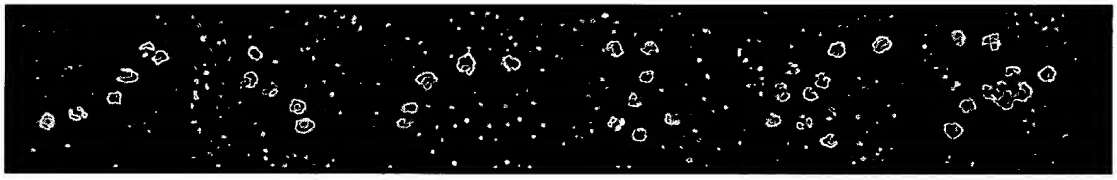

FIG. 4B

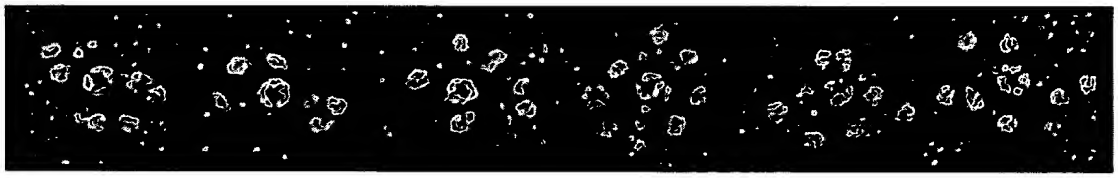

FIG. 4C

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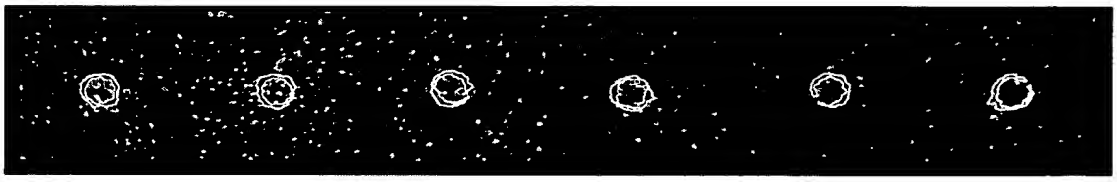

FIG. 4D

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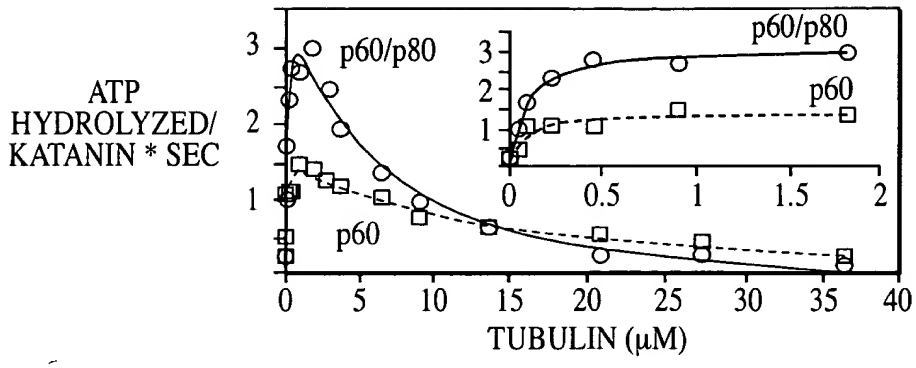

FIG. 5A

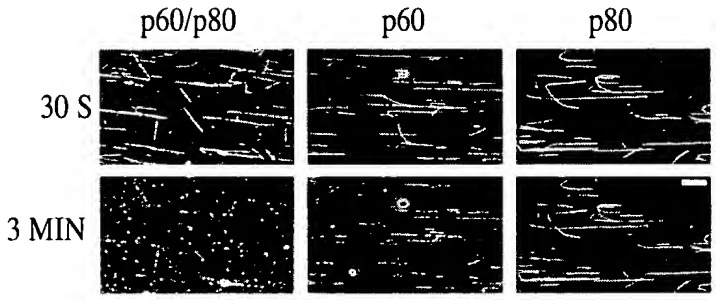

FIG. 5B

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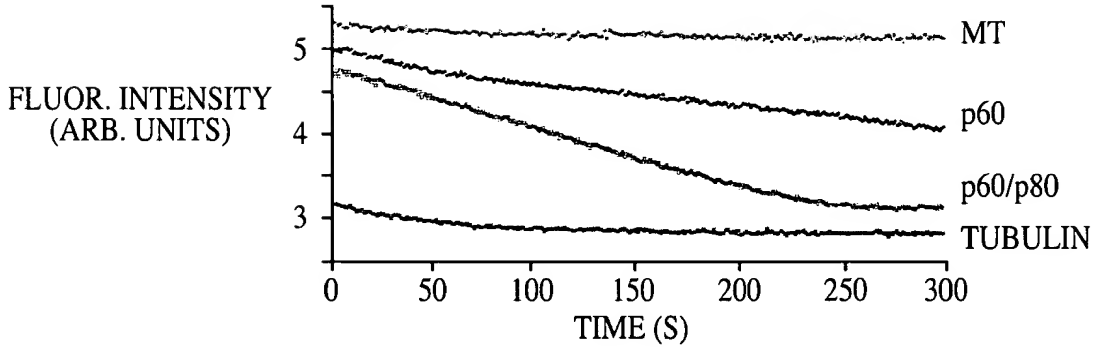

FIG. 5C

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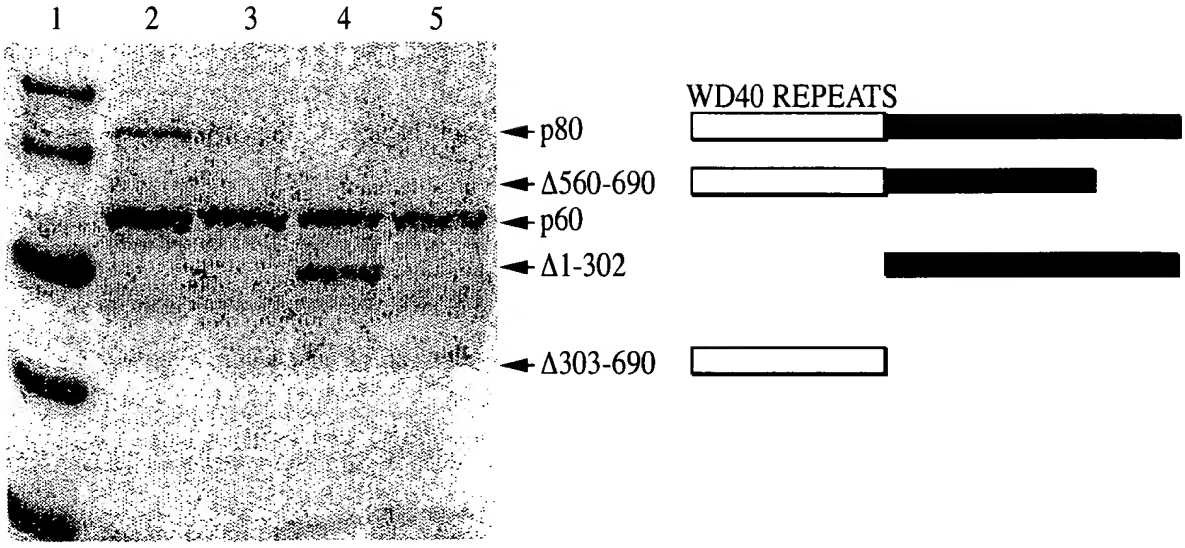

FIG. 6

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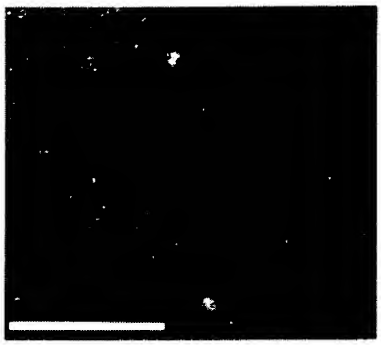

FIG. 7A

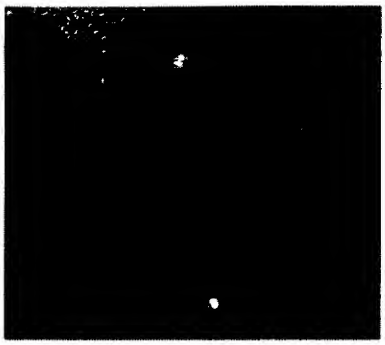

FIG. 7B

FIG. 7C

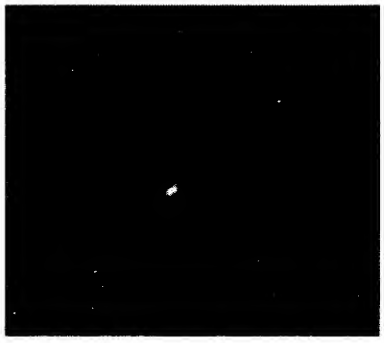

FIG. 7D

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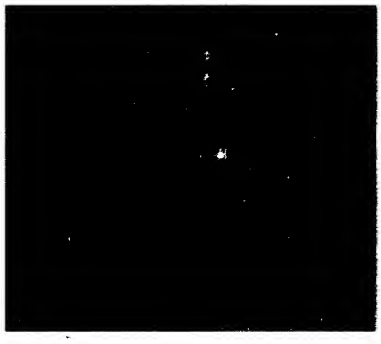

FIG. 7E

FIG. 7F